Combined Declaration and Power of Attorney for Patent Alication

helica hamed inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled.

Human Brain Endothelial Cells and Growth Medium and Method for Expansion of Primitive CD34+CD38-Bone

Marrow Stem Cells, the specification of which is attached hereto unless the following box is checked:

was filed on <u>December 3, 1999</u> ; as United States Application Number or PCT International Application Number	09/452,855
and was amended on (if applicable).	

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the United States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S) Country (Day/Month/Year/Filed)	Priority Claimed
PRIOR FOREIGN APPLICATION(S) Application No. Country (Day/Month/Year/Filed)	Yes No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

	Filing Date
Application No.	
	·

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 u.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application No. Filing Date 60/112,042 4 December 1998	(Status – patented, pending, abandoned) Converted to Nonprovisional
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Docket Number: 08010161US01

Robert A. Auchter, Reg. No. 38,069 Jeffrey L Auerbach, Reg. No. 32,680 Nicholas T. Bauz, Reg. No. 41,604 William D. Belanger, Reg. No. 40,509 Michael J. Bell, Reg. No. 39,604 John A. Bendrick, Reg. No. 41,612 Mark R. Buscher, Reg. No. 35,006 Celine T. Callahan, Reg. No. 34,301 Cono A. Carrano, Reg. No. 39,623 Joseph V. Colaianni, Reg. No. 39,948 Ben M. Davidson, Reg. No. 38,424 James F. Davis, Reg. No. 21,072 Thomas M. Dunham, Reg. No. 39,965 Thomas C. Fiala, Reg. No. 43,610 Joel M. Freed, Reg. No. 25,101 Vernon Randall Gard, Reg. No. 33,886 Sharmini Nathan Green, Reg. No. 41,410 Alan M. Grimaldi, Reg. No. 26,599 Alexander J. Hadjis, Reg. No. 36,540 Albert P. Halluin, Reg. No. 25,227 Leslie L. Jacobs, Jr., Reg. No. 40,659 Christopher L. Kelley, Reg. No. 42,714 Brian S. Y. Kim, Reg. No. 41,114 Richard H. Kjeldgaard, Reg. No. 30,186 Andrew R. Kopsidas, Reg. No. 42,759 David J. Kulik, Reg. No. 36,576 Viola T. Kung, Reg. No. 41,131 Joseph P. Lavelle, Reg. No. 31,036 Jenniser M. Lee, Reg. No. 41,146 Don F. Livornese, Reg. No. 32,040 David R. Marsh, Reg. No. 41,408 Christopher A. Mathews, Reg. No. 35,944 Elliot C. Mendelson, Reg. No. 42,878 Joseph A. Micallef, Reg. No. 39,772 Erik B. Milch, Reg. No. 42,887 Matthew J. Moore, Reg. No. 42,012 Karen L. Nicastro, Reg. No. 35,968 Bradley J. Olson, Reg. No. 40,750 Andrew Y. Piatnicia, Reg. No. 40,772 Ashek M. Rahman, Reg. No. 43,872 Andrea G. Reister, Reg. No. 36,253 Timothy W. Riffe, Reg. No. 43,881 Stephen J. Rosenman, Reg. No. 29,209 Anthony W. Shaw, Reg. No. 30,104 J. David Smith, Reg. No. 39,839 Michael J. Songer, Reg. No. 39,841 Jennifer A. Tipsord, Reg. No. 40,205 Adam K. Whiting, Reg. No. 44,400

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full name of sole or first inventor:	CITIZENSHIP: U.S.A.
John P. Chute RESIDENCE:	DATE:
Bethesda, Maryland POST OFFICE ADDRESS: Naval Medical Research Center, 8901 Wisconsin Avenue, Bethesda, MD 20889-5607	INVENTOR'S SIGNATURE:
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FULL NAME OF SECOND INVENTOR:	U.S.A.
Abha A. Saini RESIDENCE:	DATE:
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FULL NAME OF THIRD INVENTOR:	CITIZENSHIP: U.S.A.
Dennis J. Chute RESIDENCE: Baltimore, Maryland	DATE:
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FULL NAME OF FOURTH INVENTOR: Thomas A. Davis RESIDENCE: Newton. Pennsylvania POST OFFICE ADDRESS: Naval Medical Research Center, \$901 Wisconsin Avenue, Bethesda, MD 20889-5607	CITIZENSHIF: U.S.A. DATE: 5-9-2000 INVENTOR'S SIGNATURE: Market L. Ruin

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